

# Converting Colors

Hex(ACACB3)

Have a look what the booklet for  
Hex(ACACB3) contains.

<b>Hex(ACACB3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ACACB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACACB3
RGB	172, 172, 179
RGB Percent	67%, 67%, 70%
CMY	0.3255, 0.3255, 0.2980
CMYK	0.04, 0.04, 0.00, 0.30
HSL	240°, 4%, 69%
HSV	240°, 4%, 70%
XYZ	39.9025, 41.5304, 48.5609
YIQ	172.7980, -2.2470, 2.1770

# Conversions

## Conversions Part 2

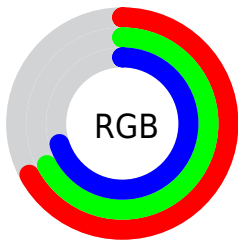
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 172, 179
Decimal	11316403
CIELab	70.55, 1.35, -3.59
CIELCh	71, 3.833, 290.573
Yxy	41.5304, 0.3070, 0.3195
Android (android.graphics.Color)	4289506483 (0xFFACACB3)
YUV	172.7980, 3.0576, -0.6998
Hunter-Lab	64.4441, -2.2535, 0.4337

# Details

The Hex color **ACACB3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B3B3AC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E3E3EB**, and **78787E** is the 20% darker color. If you saturate the color by 10%, you get **9A9AB3**, and if you desaturate by 10%, it is **BEBEB3**.

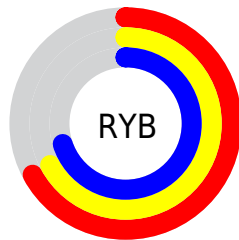
# Distribution



Red (67%)

Green (67%)

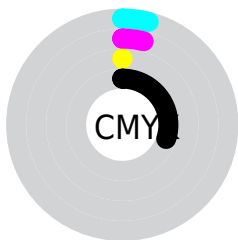
Blue (70%)



Red (67%)

Yellow (67%)

Blue (70%)

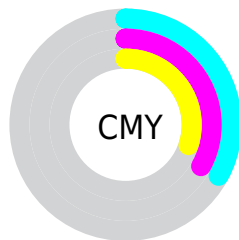


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (33%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACACB3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color ACACB3 by changing the saturation by 10% instead.



■ ACACB3

FFFFFF

■ E3E3EB

■ ACACB3

■ 919198

■ 78787E

■ 5F5F65

■ 47474D

■ 313137

■ 1C1C21

■ 01010B

■ 000000

■ ACACB3

■ ACACB3

9A9AB3

BEBEB3

8888B3

D0D0B3

7676B3

E2E2B3

6464B3

F4F4B3

5353B3

FFFFB3

4141B3

2F2FB3

1D1DB3

0B0BB3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8ADB3



ACACB3



B0ABB1

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



ACACB3



B4ABA7



A6AFAB

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



ACACB3



B3B3AC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A9AEA8



ACACB3



B1ACA6

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ACACB3



B4AAAA



ADADA6



A4AFAF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ACACB3



B2AAAF



ADADA6



A7AEAA

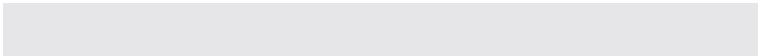


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



ACACB3



E6E6E8



ACB3B3



747475



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



ACACB3



DCDCE8



B0ACB3



545459



000099



00001A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B3ACB3



E8DCE8



B0B3AC



595459



990099

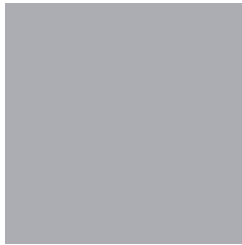


1A001A



# Previews

## White Background



This preview shows how the Hex color ACACB3 looks on a white background.

## Color Contrast Check

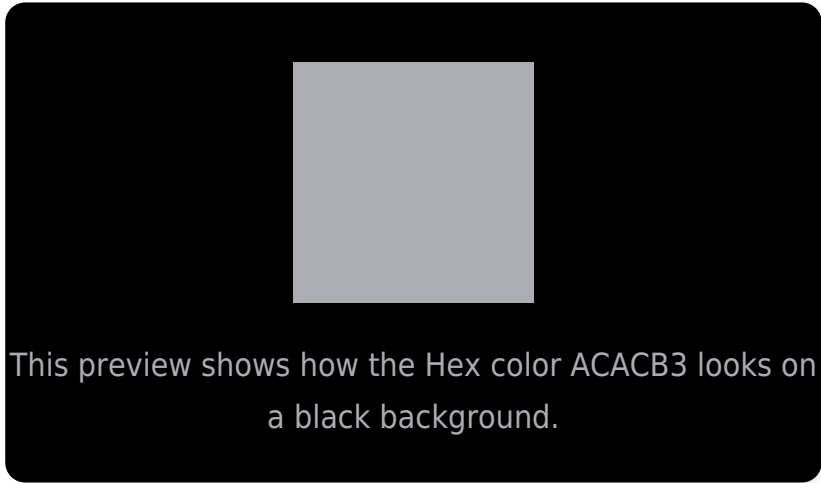
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

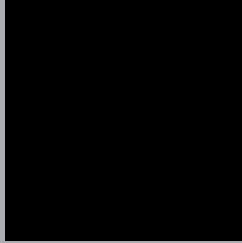
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

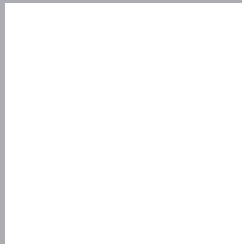
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACACB3 Background



This preview shows how black text looks on a background with the Hex color ACACB3.



This preview shows how white text looks on a background with the Hex color ACACB3.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



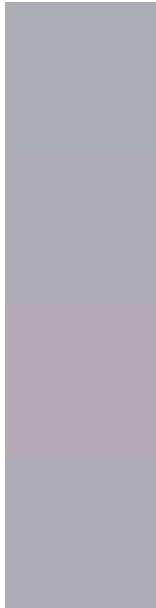
**Original Color**  
ACACB3

**Protanopia**  
AEABB3

**Deuteranopia**  
BAA7B4



# Trichromacy



**Original Color**  
ACACB3

**Protanomaly**  
ADABB3

**Deuteranomaly**  
B5A9B4

**Tritanomaly**  
ADABB7

# Monochromacy



**Original Color**  
ACACB3

**Achromatopsia**  
ADADAD

**Achromatomaly**  
ADADAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACACB3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #ACACB3 looks like.

```
.text, #text, p{  
    color:#ACACB3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #ACACB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACACB3
}
```

## Border

The CSS property to change the border of an element to Hex ACACB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ACACB3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#ACACB3 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #ACACB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACACB3; -webkit-box-shadow:4px 4px  
4px 4px #ACACB3; box-shadow:4px 4px 4px  
4px #ACACB3 }
```

# Background

The CSS property to change the background color of an element to Hex ACACB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACACB3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#ACACB3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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